



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

Miami Dade Aluminum Supply & Shutters, Inc.
1615 West 31st Place
Hialeah, Florida 33012

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Framed Screen Room

APPROVAL DOCUMENT: Drawing No. 11-050, titled "Screen Room", prepared by Tilteco, Inc., sheets 1 through 4 of 4 and sheet 1A of 4, dated May 19, 2011, last revision #1 dated May 19, 2011, signed and sealed by Walter A. Tillit Jr., P.E. on May 20, 2011, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: A permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", shall be attached to the bottom of each chair rail.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews** NOA # 06-0410.07 and consists of this page 1, evidence submitted pages E-1, E-2, and E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
06/02/2011

NOA No. 11-0207.07
Expiration Date: 04/16/2012
Approval Date: 06/02/2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVA #97-0507.04

A. DRAWINGS

1. *Drawing No. 97-07 prepared by Tilteco, Inc., titled Screen Room; Miami Dade Aluminum Supply, dated 01/10/97, revision #1 dated 02/25/98, sheets 1 through 4 of 4, signed and sealed by Walter A. Tillit Jr., P.E.*

B. TESTS

1. *Test report on Uniform Static Air Pressure Test of the roof panels, prepared by Hurricane Engineering & Testing Inc., Report No. HETI-96-580, dated 11/05/96, signed and sealed by Hector M. Medina, P.E.*

C. CALCULATIONS

1. *Dade County Product Approval for Screen Room/Canopy, sheets 1 through 25 dated 12/14/96 prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection Report, dated 04/25/97 by Jupiter Aluminum Corp., with chemical composition and mechanical properties.*
2. *Tensile Test Report No. HETI-97-T43, prepared by Hurricane Engineering & Testing Inc. dated 04/28/97, signed and sealed by Hector M. Medina, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #01-0410.01

A. DRAWINGS

1. *None.*

B. TESTS

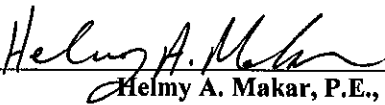
1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
BNC, Product Control Unit Supervisor
NOA No. 11-0207.07
Expiration Date: 04/16/2012
Approval Date: 06/02/2011

Miami Dade Aluminum Supply & Shutters, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-1220.13

A. DRAWINGS

1. *Drawing titled " Screen Room ", prepared by Tilteco, Inc., sheets 1 through 4 of 4 and sheet 1A of 4, dated September 29, 2005, last revision #1 dated September 29, 2005, signed and sealed by Walter A. Tillit Jr., P.E. on November 30, 2005.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation prepared by Tilteco, Inc., dated November 30, 2005, 36 pages, signed and sealed by Walter A. Tillit Jr., P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0410.07

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

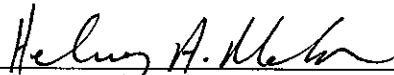
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Delmy A. Makar, P.E., M.S.
BNC, Product Control Unit Supervisor

NOA No. 11-0207.07

Expiration Date: 04/16/2012

Approval Date: 06/02/2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 11-050, titled " Screen Room ", prepared by Tilteco, Inc., sheets 1 through 4 of 4 and sheet 1A of 4, dated May 19, 2011, last revision #1 dated May 19, 2011, signed and sealed by Walter A. Tillit Jr., P.E. on May 20, 2011.*

B. TESTS

1. *None.*

C. CALCULATIONS

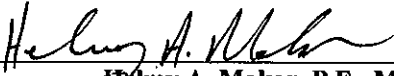
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building and Neighborhood Compliance Department.*

E. MATERIAL CERTIFICATIONS

1. *None.*



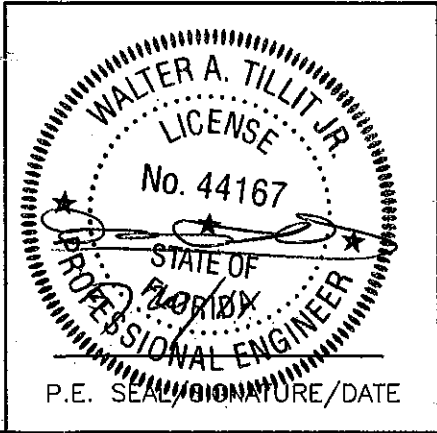

Helmy A. Makar, P.E., M.S.
BNC, Product Control Unit Supervisor
NOA No. 11-0207.07
Expiration Date: 04/16/2012
Approval Date: 06/02/2011

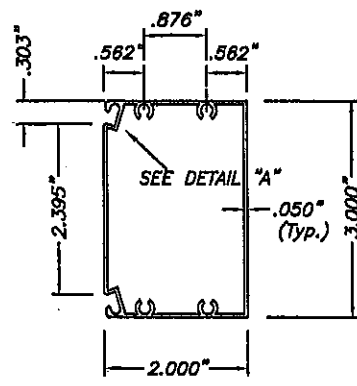
GENERAL NOTES:

1. THIS SCREEN ROOM SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN STRUCTURALLY DESIGNED IN ACCORDANCE WITH THE 2007 EDITION OF THE FLORIDA BUILDING CODE. DESIGN WIND LOADS AND LIVE LOADS HAVE BEEN DETERMINED AS PER SECTION 1620 AND 1616 RESPECTIVELY OF THE ABOVE MENTIONED CODE, FOR A BASIC WIND SPEED OF 146 m.p.h, EXPOSURE C AND IN ACCORDANCE WITH ASCE 7-05 STANDARD. ROOF PANELS ADEQUACY FOR WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1625 OF THE ABOVE MENTIONED CODE AS PER HETI LAB REPORT # HETI-96-580, PER MIAMI-DADE COUNTY TAS-202 PROTOCOL.
2. DEFLECTIONS FOR COLUMNS, BEAMS AND ROOF PANELS SHALL BE AS FOLLOWS:
- L/80 FOR ROOF PROJECTIONS FROM EXISTING STRUCTURE LESS THAN OR EQUAL TO 12 FEET WHEN USED FOR RESIDENTIAL OCCUPANCY.
- L/180 FOR ALL COMMERCIAL PROJECTS AND FOR RESIDENTIAL WHEN ROOF PROJECTION FROM EXISTING STRUCTURE IS GREATER THAN 12 FEET.
3. ALL EXTRUSIONS TO BE 6063-T6 ALUMINUM ALLOY UNLESS OTHERWISE NOTED.
4. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON THIS DRAWING MINIMUM THICKNESS SHALL BE 0.055" WITH STANDARD TOLERANCES IN ACCORDANCE WITH THE "ALUMINUM STANDARDS AND DATA 2007 EDITION", ALUMINUM ASSOCIATION INCORPORATED, WASHINGTON, D.C.
5. ALUMINUM ROOF PANEL ALLOYS SHALL BE 3105-H154. SCREWS USED FOR ATTACHMENT OF ROOF PANELS TO SUPPORTING STRUCTURE SHALL BE SEALED WITH AN APPROVED SEALANT THROUGHOUT.
6. ALL SCREWS TO BE AISI 304 SERIES STAINLESS STEEL OR 306 SERIES WITH 50 ksi. YIELD STRENGTH AND 90 ksi TENSILE STRENGTH OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 AND SECTION 2411.3.3.4 OF THE FLORIDA BUILDING CODE.
7. ALL BOLTS TO BE ASTM 307 GALVANIZED OR AISI 304 SERIES STAINLESS STEEL WITH 35 ksi MINIMUM YIELD STRENGTH.
8. ALL CONCRETE SHALL DEVELOP 3000 p.s.i. COMPRESSIVE STRESS AT 28 DAYS. WELDED WIRE FABRIC SHALL COMPLY W/ ASTM A-185. CONSTRUCTION OF REINFORCED CONCRETE SHALL COMPLY W/ A.C.I. 318-05.
9. ALL REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 DESIGNATION BARS.
10. SCREEN USED ON WALLS SHALL BE 60 PERCENT MINIMUM OPEN.
11. ALUMINUM MEMBERS IN CONTACT WITH CONCRETE AND MASONRY SHALL BE PROTECTED ACCORDING TO FLORIDA BUILDING CODE SECTION 2003.8.4.4. WHEN ALUMINUM IS IN CONTACT WITH WOOD, IT SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE SECTION 2003.8.4.5.
12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE SCREEN ROOM IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE.
13. MINIMUM SOIL BEARING CAPACITY TO BE 2000 p.s.f.
14. CONCRETE AND CONCRETE BLOCK ANCHORS SHALL BE TAPCON TYPE ANCHORS, AS MANUFACTURED BY I.T.W. BUILDDEX OR ELCO CONSTRUCTION PRODUCTS, AND POWER BOLT ANCHORS, AS MANUFACTURED BY POWER FASTENING, INC. DIAMETERS AND LENGTHS SHALL BE AS SPECIFIED ON DRAWINGS. MINIMUM EMBEDMENT OF TAPCONS INTO CONCRETE BLOCK IS 1 1/4". MINIMUM PENETRATION INTO CONCRETE IS 1 3/4". MINIMUM EMBEDMENT OF POWER BOLTS INTO CONCRETE IS 3". MINIMUM PENETRATION IS IN ADDITION TO ANY ADDED LENGTH REQUIRED TO PENETRATE EXISTING PRECAST STONE, PRECAST CONCRETE PANELS, PAVERS, TILES OR ANY OTHER FINISH MATERIAL THAT COULD BE COVERING THE CONCRETE OR CONCRETE BLOCK WALL OR FLOOR.

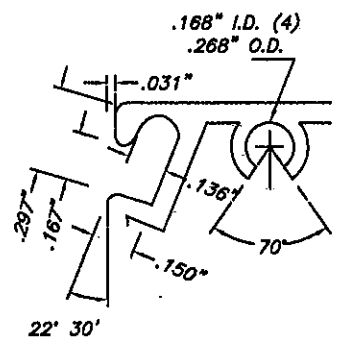
15. THIS STRUCTURE SHALL BE CONSTRUCTED ATTACHED TO A CONCRETE BLOCK STRUCTURE WITH MEAN ROOF HEIGHT EQUAL OR LESS THAN 20'-0". NOTIFY THIS ENGINEER IF THE ABOVE CONDITION IS NOT COMPLIED WITH. THIS STRUCTURE'S ROOF SHALL BE INSTALLED LESS THAN 15'-0" HIGH ABOVE GROUND LEVEL.
16. SEAL AND CAULK EVERY FASTENER USED TO CONNECT ROOF PANELS TO SUPPORTING FRAME AND AT JOINTS BETWEEN PANELS.
17. ELECTRIC SERVICE DROP CONDUCTORS OR ANY OVERHEAD WIRING SHALL NOT EXIST OR BE INSTALLED OVER ANY PART OF THIS STRUCTURE.
18. THIS ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY AT SITE WHICH IS THE CONTRACTOR'S RESPONSIBILITY.
19. (a) THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) PREPARED BY THE ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- (c) THIS PRODUCT APPROVAL DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.
- (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. PROFESSIONAL OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- (e) THIS P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.
20. ROOF PANEL MANUFACTURER'S LABEL SHALL BE PLACED ON THE EXPOSED SURFACE OF THE PANEL APPROXIMATELY 4" FROM THE EDGE OF SUCH PANEL. LABEL SHALL BE AS FOLLOW:
MIAMI-DADE ALUMINUM SUPPLY, INC
HIALEAH, FLORIDA
MIAMI-DADE COUNTY PRODUCT APPROVED.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-02.07.07
Expiration Date 04/16/2012
By *Heather A. Miller*
Miami Dade Product Control

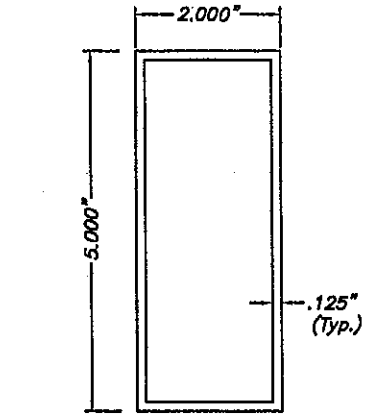
		FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)	
©2011 TILTECO INC.  TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305 - VIRGINIA GARDENS, FL 33166 Phone : (305) 871-1530 , Fax : (305) 871-1531 e-mail: tilteco@aol.com EB-0008719 WALTER A. TILLIT Jr., P.E. FLORIDA Lic. # 44167		SCREEN ROOM MIAMI DADE ALUMINUM SUPPLY 1615 WEST 31st. PLACE HIALEAH, FLORIDA 33012 PH: (305) 823-0099, FAX: (305) 823-2782	
P.E. SEAL/SIGNATURE/DATE		R.E. DRAWN BY: 05/19/11 DATE: 11-050 DRAWING N°	
REV. No		DESCRIPTION	
1		OLD 08-312	
2		-	
REV. No		DESCRIPTION	
3		-	
4		-	
SHEET 1 OF 4			



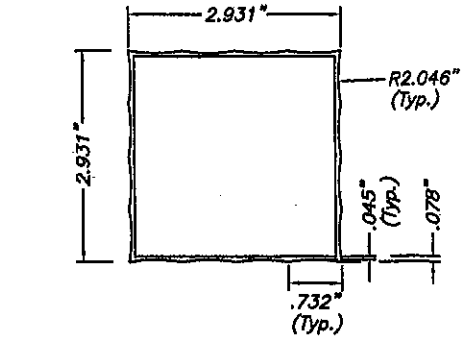
① 2" x 3" PATIO SECTION
SCALE: 3/8" = 1"



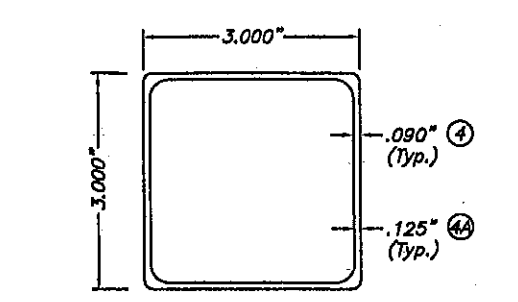
DETAIL "A"



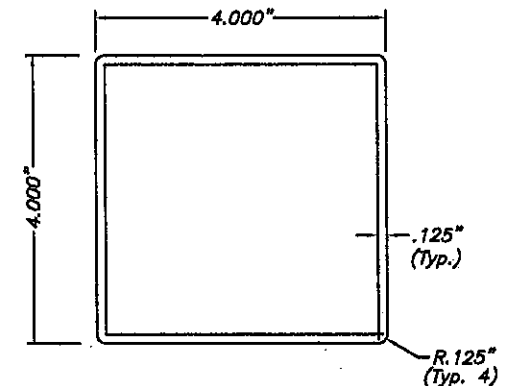
② 2" x 5" BEAM
SCALE: 3/8" = 1"



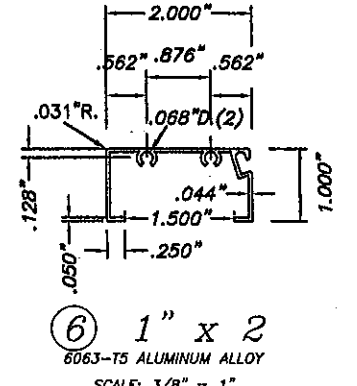
③ 2.931" x 2.931" COLUMN
SCALE: 3/8" = 1"



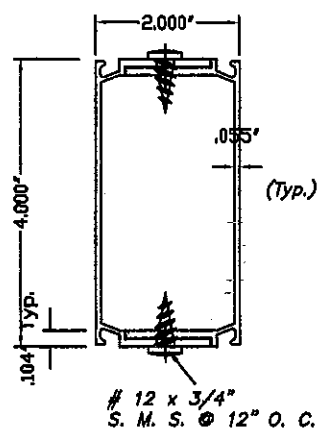
④, ④A 3" x 3" COLUMN
SCALE: 3/8" = 1"



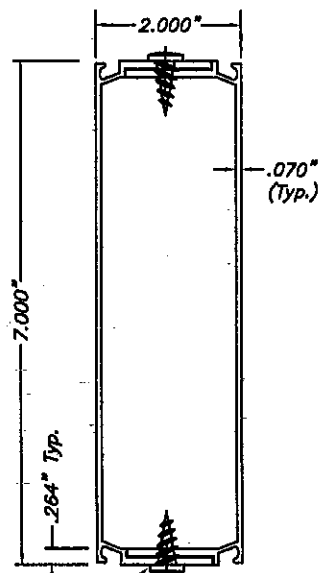
⑤ 4" x 4" COLUMN
SCALE: 3/8" = 1"



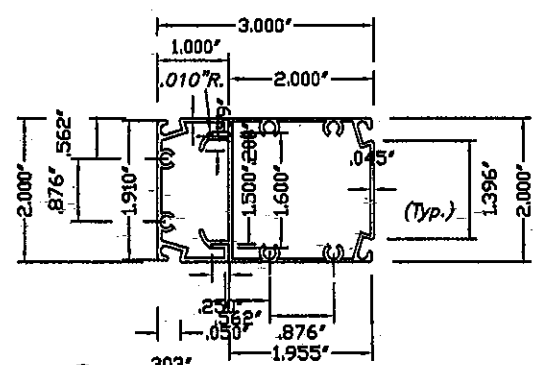
⑥ 1" x 2" 6063-T5 ALUMINUM ALLOY
SCALE: 3/8" = 1"



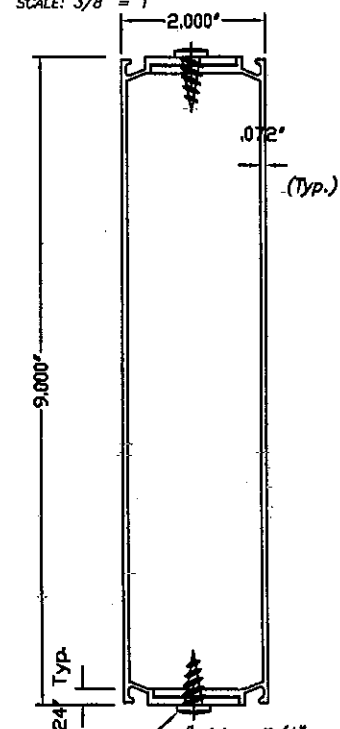
⑦ 2" x 4" LAP COLUMN & BEAM
SCALE: 3/8" = 1"



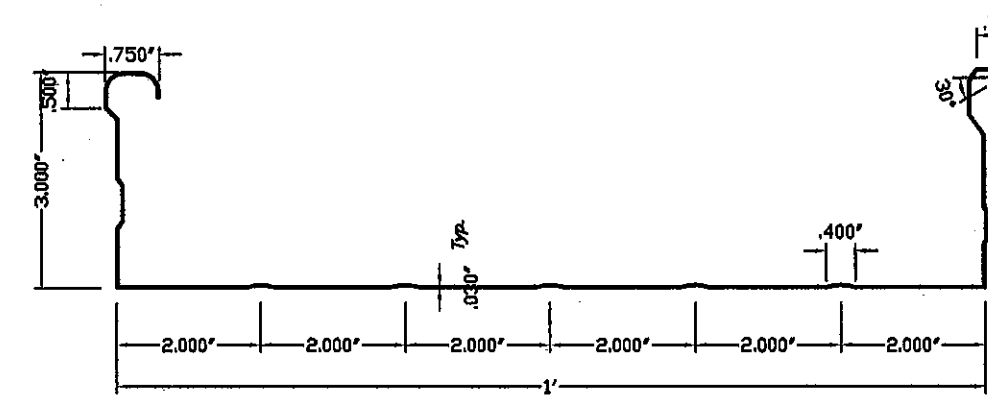
⑧ 2" x 7" LAP BEAM
SCALE: 3/4" = 1"



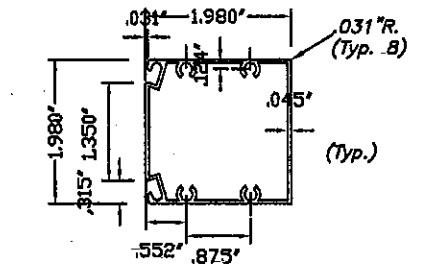
⑨ CORNER COLUMN
SCALE: 3/8" = 1"



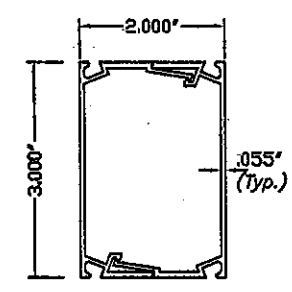
⑩ 2" x 9" LAP BEAM
SCALE: 3/8" = 1"



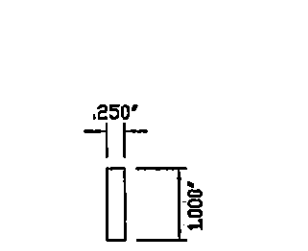
⑪ ROOF PAN SECTION
SCALE: 3/8" = 1"



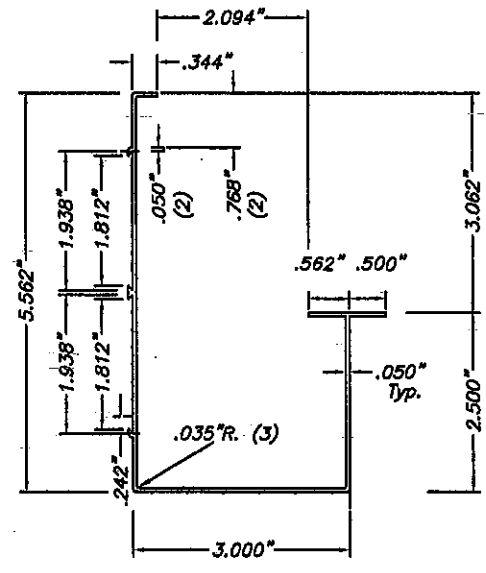
⑫ 2" x 2" 6063-T5 ALUMINUM ALLOY
SCALE: 3/8" = 1"



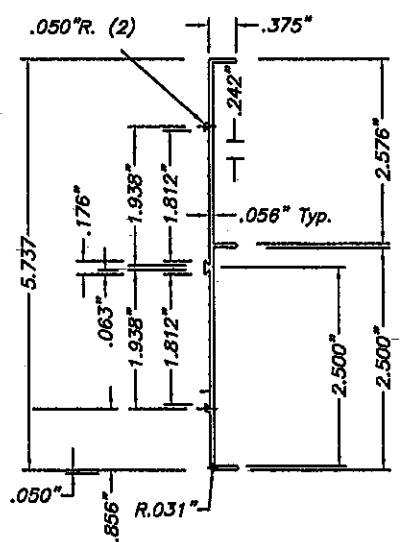
⑬ 2" x 3" SNAP COLUMN
SCALE: 3/8" = 1"



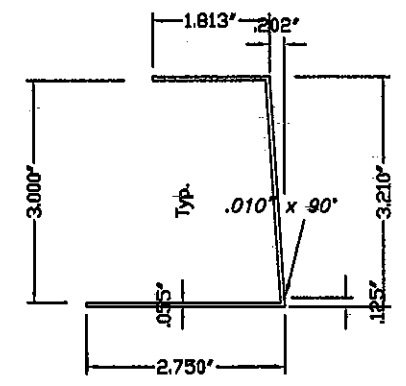
⑭ 1" STRAP
6063-T5 ALUMINUM ALLOY
SCALE: 3/8" = 1"



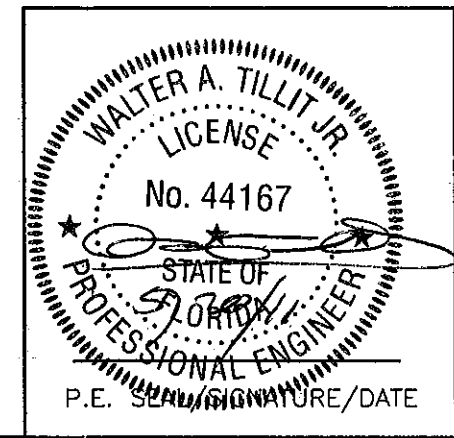
⑮ GUTTER
8063-T5 ALUMINUM ALLOY
SCALE: 3/8" = 1"



⑯ FASCIA
8063-T5 ALUMINUM ALLOY
SCALE: 3/8" = 1"



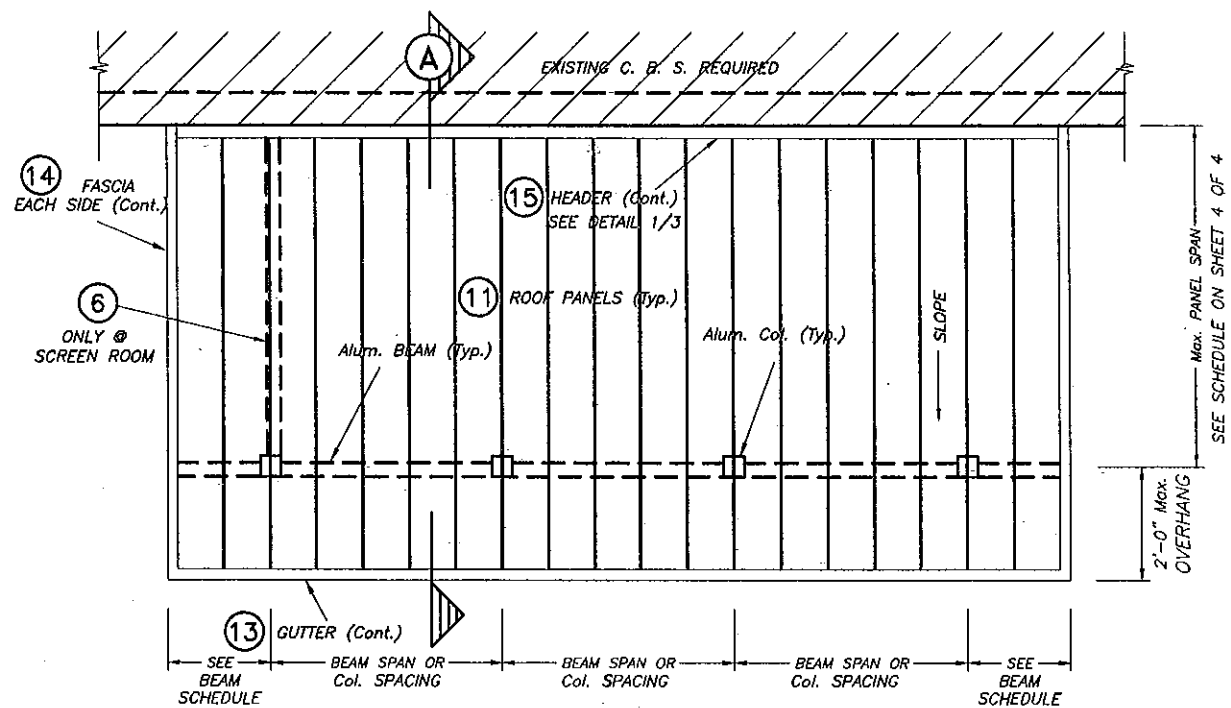
⑰ HEADER
SCALE: 3/8" = 1"



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

©2011 TILTECO INC.		SCREEN ROOM		R.E. DRAWN BY:	
TILTECO INC.		MIAMI DADE ALUMINUM SUPPLY		05/19/11 DATE:	
TILLIT TESTING & ENGINEERING COMPANY		1815 WEST 31st. PLACE		11-050 DRAWING N°	
6355 N.W. 36th. St., Ste. 305 - VIRGINIA GARDENS, FL 33166		HIALEAH, FLORIDA 33012		SHEET 1A OF 4	
Phone : (305) 871-1830, Fax : (305) 871-1831		PH: (305) 823-0099, FAX: (305) 823-2782			
e-mail: tilteco@aol.com					
EB-0008719					
WALTER A. TILLIT JR., P.E.					
FLORIDA Lic. # 44167					

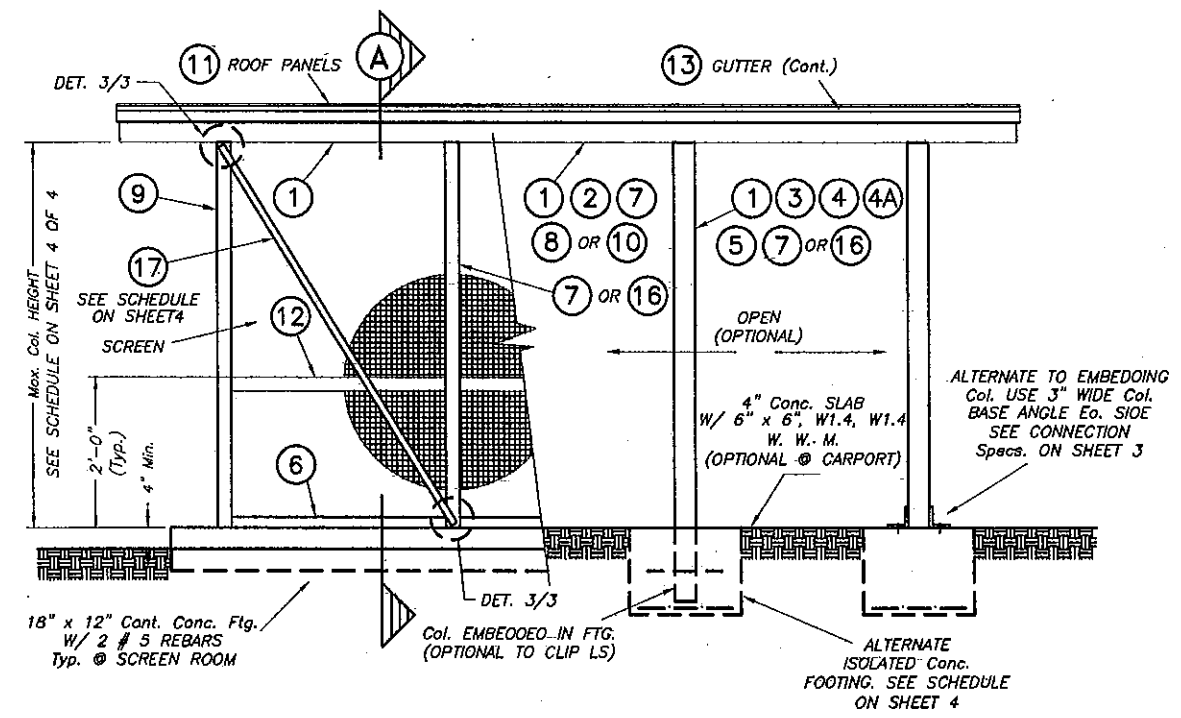
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 0207.07 Expiration Date 04/16/2012 By Healy A. Miller Miami Dade Product Control



ROOF PLAN-MONOSLOPE ROOF
SCREEN ROOM (W/ OR W/O SCREEN)

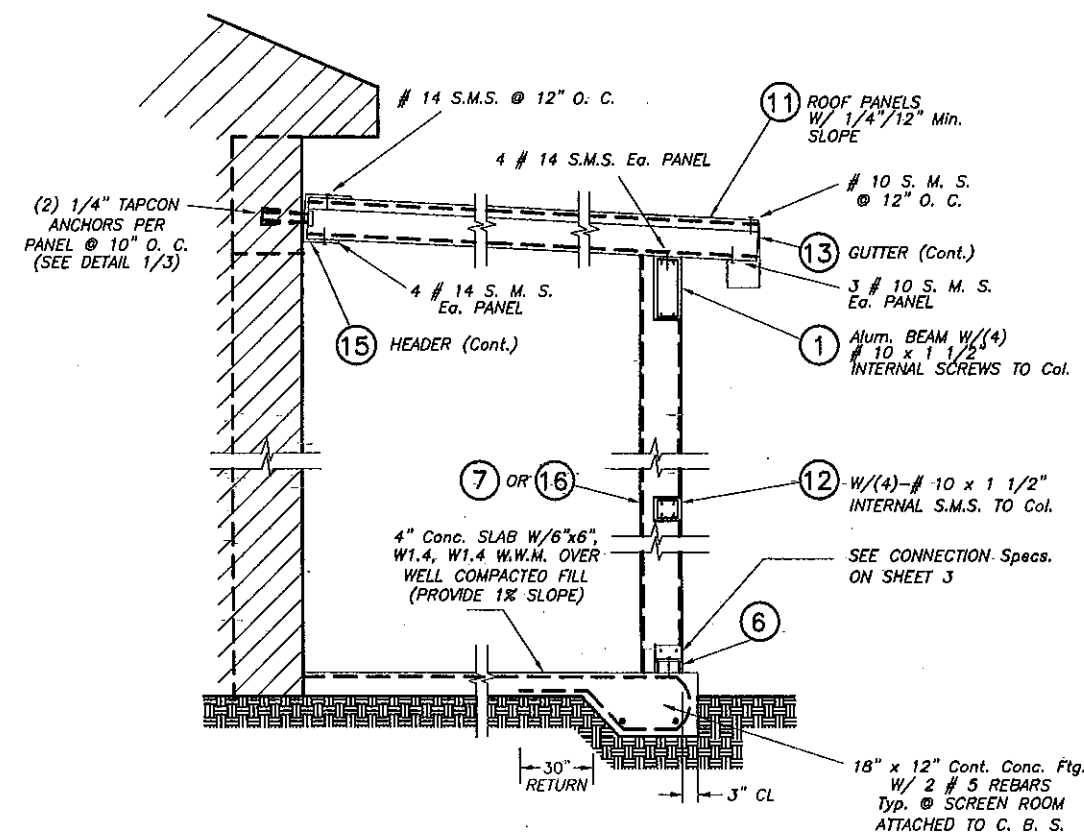
N. T. S.

NOTE: SEE BEAM & COLUMN
SCHEDULE ON SHEET
4 OF 4.



ELEVATION-MONOSLOPE ROOF
SCREEN ROOM (W/ OR W/O SCREEN)

N. T. S.



SECTION A

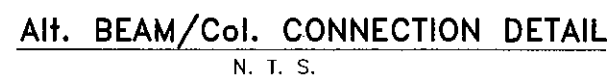
N. T. S.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0207.07
Expiration Date 04/16/2012
By *Helmut A. Tillit Jr.*
Miami Dade Product Control

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

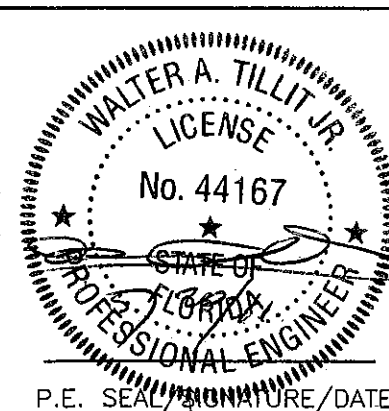
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2011 TILTECO INC. TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305 - VIRGINIA GARDENS, FL 33166 Phone : (305) 871-1530 , Fax : (305) 871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr., P.E. FLORIDA Lic. # 44167				SCREEN ROOM R.E. DRAWN BY: 05/19/11 DATE: 11-050 DRAWING N°	
MIAMI DADE ALUMINUM SUPPLY 1615 WEST 31st. PLACE HIALEAH, FLORIDA 33012 PH: (305) 823-0099, FAX: (305) 823-2782					
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 05-312	05/19/11	3	-	-
2	-	-	4	-	-

SHEET 2 OF 4



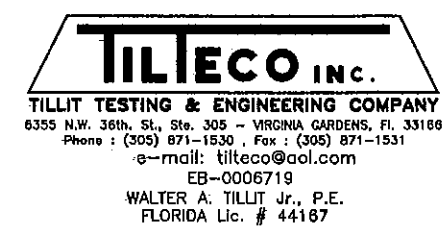
COLUMN CONNECTION TO FOOTING

N. T. S.



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

©2011 TILTECO INC.



SCREEN ROOM

MIAMI DADE ALUMINUM SUPPLY

1615 WEST 31st. PLACE
HIALEAH, FLORIDA 33012

PH: (305) 823-0099, FAX: (305) 823-2782

R.E.
DRAWN- BY:

05/19/11
DATE:

11-050
DRAWING N°

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 05-312	05/19/11	3	"	"
2	"	"	4	"	"

SHEET 3 OF 4

L/80
L/180

* TRIBUTARY WIDTH: - ROOF SPAN (FROM WALL TO FRONT BEAM)/2 + OVERHANG FOR ROOFS ATTACHED TO BUILDING.
- ROOF SPAN (FROM BEAM TO BEAM) FOR ROOFS ATTACHED TO BUILDING WITH MULTIPLE BAYS.

OPTIONAL SLAB

EQUAL

EQUAL

COLUMN *

GRADE

1'-6" Min.

3" CLEAR

2 # 5 x 24" DOWELS @ 90"

2'-3" (SAND)

2'-0" (ROCK)

3000 psi f'c
ISOLATED CONCRETE
FOOTING SEE SCHEDULE
FOR REINFORCEMENT
REQUIRED

SEE SCHEDULE

ISOLATED FOOTING DETAIL

ROOF AREA BEARING OR COLUMN (Ft. ²)*	REQUIRED FOOTING SIZE IN SAND/ROCK	REINFORCING STEEL EQUALLY SPACED EACH WAY. SAND/ROCK
120	5'-4" x 5'-4" 3'-0" x 3'-0"	5 # 4 REBARS 4 # 4 REBARS
90	4'-7" x 4'-7" 2'-5" x 2'-5"	4 # 4 REBARS 3 # 4 REBARS
60	3'-9" x 3'-9" 2'-0" x 2'-0"	4 # 4 REBARS 3 # 4 REBARS
40	3'-0" x 3'-0" 2'-0" x 2'-0"	3 # 4 REBARS 3 # 4 REBARS
25	2'-4" x 2'-4" 2'-0" x 2'-0"	3 # 4 REBARS 3 # 4 REBARS

SHEET 4 OF 4